RECEIVED PRO

Mr. Adam C. Eller, Permit Writer DEQ 4949A Cox Road Glen Allen, VA 23060

Dear Mr. Eller:

This letter is concerning the renewal of VPDES permit no.VA0090786 for the Sussex Schools Complex. The current permit requires our WWTP not to discharge for 24 hours after three days of operation. We are requesting that this provision <u>not</u> be included in the new permit. We think that this constant on and off cycling has kept the plant in somewhat of an upset condition. We are aware that this will probably cause some permit limits to change. However, the steady operation will hopefully prove to be more beneficial for overall plant performance. Until this three day provision was added to our permit, we would typically operate the plant for eight hours per day (we would have run out of water otherwise).

Thank you for your consideration of this matter.

Sincerely,

Gerald Lacerte Operator

Yould Lacerte

CONTINUED FROM THE FRONT	
VII. SIC CODES (4-digit, in order of priority)  A. FIRST  B. SECOND	
C. THIRD (specify)  C. THIRD  C. THIRD  D. FOURTH	
C. TTIKD  C. TTIKD  C. TTIKD  (specify)  7  15 16 - 19	
VIII. OPERATOR INFORMATION	
8 SUSSEX COUNTY School Bonned	B.Is the name listed in Item VIII-A also the owner? VES INO
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: if "Other," specify.)	PHONE (area code & no.)
	434246-4388
E. STREET OR P.O. BOX  P.O. JOX 1369	
28 53	
	DIAN LAND acility located on Indian lands? S NO
X. EXISTING ENVIRONMENTAL PERMITS	
A. NPDES (Discharges to Surface Water)  D. PSD (Air Emissions from Proposed Sources)	
9 N V4 0090 786 9 P VA 15 16 17 15 30 15 16 17 18 30	
B. UIC (Underground Injection of Fluids)  E. OTHER (specify)	
9 U NA 9 NA	
C. RCRA (Hazardous Wastes)  E. OTHER (specify)  C T           (specify)	
9 R NA 9 NA	i i
15 16 17 18 30 15 16 17 18 30 VI MAD	
XI. MAP  Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must sho location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal funites fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirement.	acilities, and each well where it
	IRS.
XII. NATURE OF BUSINESS (provide a brief description)	
Wastewater Trestment for public school Uses retirated sludge, genetion, chloria	15.
Uses retrepted sludge, Acception, chloria	untion t
déchlerination.	
XIII. CERTIFICATION (see instructions)	
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attactinguiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	
A. NAME & OFFICIAL TITLE (type or print) B. SIGNATURE	C. DATE SIGNED
Sussainstract Allen & Salle Ga	8-5-15
COMMENTS FOR OFFICIAL USE ONLY	

Form Approved 1/14/99 OMB Number 2040-0086

FORM

2A NPDES

### NPDES FORM 2A APPLICATION OVERVIEW

### **APPLICATION OVERVIEW**

Form 2A has been developed in a modular format and consists of a "Basic Application Information" packet and a "Supplemental Application Information" packet. The Basic Application Information packet is divided into two parts. All applicants must complete Parts A and C. Applicants with a design flow greater than or equal to 0.1 mgd must also complete Part B. Some applicants must also complete the Supplemental Application Information packet. The following items explain which parts of Form 2A you must complete.

#### **BASIC APPLICATION INFORMATION:**

- A. Basic Application Information for all Applicants. All applicants must complete questions A.1 through A.8. A treatment works that discharges effluent to surface waters of the United States must also answer questions A.9 through A.12.
- B. Additional Application Information for Applicants with a Design Flow ≥ 0.1 mgd. All treatment works that have design flows greater than or equal to 0.1 million gallons per day must complete questions B.1 through B.6.
- C. Certification. All applicants must complete Part C (Certification).

#### SUPPLEMENTAL APPLICATION INFORMATION:

- D. Expanded Effluent Testing Data. A treatment works that discharges effluent to surface waters of the United States and meets one or more of the following criteria must complete Part D (Expanded Effluent Testing Data):
  - 1. Has a design flow rate greater than or equal to 1 mgd,
  - 2. Is required to have a pretreatment program (or has one in place), or
  - 3. Is otherwise required by the permitting authority to provide the information.
- E. Toxicity Testing Data. A treatment works that meets one or more of the following criteria must complete Part E (Toxicity Testing Data):
  - 1. Has a design flow rate greater than or equal to 1 mgd.
  - 2. Is required to have a pretreatment program (or has one in place), or
  - 3. Is otherwise required by the permitting authority to submit results of toxicity testing.
- F. Industrial User Discharges and RCRA/CERCLA Wastes. A treatment works that accepts process wastewater from any significant industrial users (SIUs) or receives RCRA or CERCLA wastes must complete Part F (Industrial User Discharges and RCRA/CERCLA Wastes). SIUs are defined as:
  - 1. All industrial users subject to Categorical Pretreatment Standards under 40 Code of Federal Regulations (CFR) 403.6 and 40 CFR Chapter I, Subchapter N (see instructions); and
  - 2. Any other industrial user that:
    - a. Discharges an average of 25,000 gallons per day or more of process wastewater to the treatment works (with certain exclusions); or
    - b. Contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or
    - c. Is designated as an SIU by the control authority.
- **G. Combined Sewer Systems.** A treatment works that has a combined sewer system must complete Part G (Combined Sewer Systems).

### ALL APPLICANTS MUST COMPLETE PART C (CERTIFICATION)

Form Approved 1/14/99 OMB Number 2040-0086

FACILITY N	NAME AND PERMI	T NUMBER: 🎶	0090	786
SUSSE	X School	5 Cama	lex :	571
	200	· //		

### BASIC APPLICATION INFORMATION PART A. BASIC APPLICATION INFORMATION FOR ALL APPLICANTS: All treatment works must complete questions A.1 through A.8 of this Basic Application Information packet. A.1. Facility Information. Facility name Mailing Address Contact person Title Telephone number Facility Address (not P.O. Box) A.2. Applicant Information. If the applicant is different from the above, provide the following: Applicant name Mailing Address Contact person Title Telephone number is the applicant the owner or operator (or both) of the treatment works? operator Indicate whether correspondence regarding this permit should be directed to the facility or the applicant. applicant A.3. Existing Environmental Permits. Provide the permit number of any existing environmental permits that have been issued to the treatment works (include state-issued permits). NPDES UIC Other **RCRA** Other A.4. Collection System Information. Provide information on municipalities and areas served by the facility. Provide the name and population of each entity and, if known, provide information on the type of collection system (combined vs. separate) and its ownership (municipal, private, etc.). Population Served

Total population served

FACILITY NAME AND PERMIT NUMBER: 1/4009 0786 Form Approved 1/14/99 SEX Schools Complex 5TA OMB Number 2040-0086 a. Is the treatment works located in Indian Country? b. Does the treatment works discharge to a receiving water that is either in Indian Country or that is upstream from (and eventually flows through) Indian Country? A.6. Flow. Indicate the design flow rate of the treatment plant (i.e., the wastewater flow rate that the plant was built to handle). Also provide the average daily flow rate and maximum daily flow rate for each of the last three years. Each year's data must be based on a 12-month time period with the 12th month of "this year" occurring no more than three months prior to this application submittal. a. Design flow rate 0,030 mgd Two Years Ago b. Annual average daily flow rate c. Maximum daily flow rate A.7. Collection System. Indicate the type(s) of collection system(s) used by the treatment plant. Check all that apply. Also estimate the percent contribution (by miles) of each. Separate sanitary sewer Combined storm and sanitary sewer A.8. Discharges and Other Disposal Methods. a. Does the treatment works discharge effluent to waters of the U.S.? If yes, list how many of each of the following types of discharge points the treatment works uses: i. Discharges of treated effluent ii. Discharges of untreated or partially treated effluent iii. Combined sewer overflow points iv. Constructed emergency overflows (prior to the headworks) v. Other Does the treatment works discharge effluent to basins, ponds, or other surface impoundments that do not have outlets for discharge to waters of the U.S.? If yes, provide the following for each surface impoundment: Annual average daily volume discharged to surface impoundment(s) continuous or Is discharge c. Does the treatment works land-apply treated wastewater? Yes If yes, provide the following for each land application site: Location: Number of acres: Annual average daily volume applied to site: intermittent? \_\_\_ continuous or Is land application Does the treatment works discharge or transport treated or untreated wastewater to another treatment works? Yes

FACILITY NAME A	Dermit Number: VA009078	16	Form Approved 1/14/99 OMB Number 2040-0086
If yes, de:	cribe the mean(s) by which the wastewater ., tank truck, pipe).	from the treatment works is discharg	ged or transported to the other treatment
If transpo	t is by a party other than the applicant, prov	ride:	
Transport	ername: PAJ SERVICES		
Mailing A	11/2/1/ 11 11	thouse Md. A 23890	
Contact p	erson: <u>506 6-14 /</u>		
Title:	OWNEW- OSE	MATCA	
Telephon	number: <u>434 - 246 - 33</u>	75/	
For each	reatment works that receives this discharge	e, provide the following:	
Name:	SUSSEX SERVICE	Authority Blacks	WAMP WUTH)
Mailing A	idress: 4385 DEET	2 3 8 9 0	
Contact p	arean: FRANK H T	Tarisle	
Title:	Euca tive	T. a. S. Fra	
	e number: $804 - 834 - 89$	30	
•	provide the NPDES permit number of the tre		there 1/40088978
à	e average daily flow rate from the treatment		mgd
	treatment works discharge or dispose of its ugh A.8.d above (e.g., underground percola		d in YesNo
If yes, pro	vide the following for each disposal method	<u>:</u>	
Description	n of method (including location and size of	site(s) if applicable):	
Annual d	ily volume disposed of by this method:		
Is dispos	I through this method con	tinuous or intermitten	it?
A Sludge	is pumped + h.	puled on AN 1	45 NEEDED BASIS.
This	is usually 4 to	MES A YEAR	45 NEEDED BASIS. FOR AN ANNUAL
Flow	0 + 25,000 94/10	015	

FAC	ILIT	NAME AND PERMIT	NUMBER: VA 00907	186		Form Approved 1/14/99 OMB Number 2040-0086
	lf you which	effluent is discharged.	uestion A.S.a. complete ques	n combined sewer overfl	ows in this section. If you	answered "no" to question
A.9.	De	scription of Outfall.		artenininte error von verscht die State (die der des Arteninistes der Arteninistes von der Arteninistes von de	es de réduit y somment de commune de la circ	
	a.	Outfall number	<u></u>		1 7 99	
	b.	Location	(City or town, if applicable)		(Zip Code)	
			(County)		(State)	- 100 6 6
			36550.33 (Latitude)	etr )	(Longitude	5 27.60
	C.	Distance from shore (ii		0	ft.	
	d.	Depth below surface (i	• •	0	ft.	
	e.			.0031	mgd	
	f.	Does this outfall have periodic discharge?	either an intermittent or a	Yes	No	(go to A.9.g.)
		If yes, provide the follo	wing information:			
	À	Number of times per y	ear discharge occurs:	274	Dale (feller og president og grenning fra som med kannes til 1860 og 1800 og 1800 og 1800 og 1800 og 1800 og 1	
		Average duration of ea	ach discharge:	3-24113	20-	
		Average flow per disch	narge:	-0031	mgc mgc	ı
		Months in which disch	arge occurs:	JU/Y - V	JAKE -	
	g.	Is outfall equipped with	n a diffuser?	Yes	No	
A.1	0. De	scription of Receiving	A /			/
	a.	Name of receiving wat	er <u>ANDERS</u>	TEN BRANC	hot thin	attent RIVER
	b.	Name of watershed (if	known)	UNKNOW.	a)	
		United States Soil Cor	nservation Service 14-digit wat	tershed code (if known):	UNKNO	na o
	C.	Name of State Manag	ement/River Basin (if known):	Cho	WAN KWER	BATIN
		United States Geologi	cal Survey 8-digit hydrologic c	ataloging unit code (if kn	own):	Kabee) al
	đ.	Critical low flow of recacute	eiving stream (if applicable):	chronic	<u>//4</u> cfs	
	e.	Total hardness of rece IN 2014, 7	eiving stream at critical low flow	w (if applicable):	A mg/l of CaCO HINO disch	MEGE. 80 0 F.
	1	these day	15 WERE due has the	TE A COUNTEND	Eemit Regund dischney E	After

FACILITY NAME AND	PERMIT NU	MBER:	VA 0	0907	86	÷						Approved 1/14/99 Number 2040-0086
5125554 5.h	ads L	zmal.	i EV	5TA							ONE	40/110e/ 2040-0000
A.11. Description of To	reatment.	ergar-	<u> </u>	in the contract of the contrac								
a. What levels o	f treatment a	re provi	ded? C	heck all tha	it apr	olv.						
	rimary		(	, /	cond	-						
A	dvanced			Oth	ner.	Describe:						
b. Indicate the fo	ollowina remo	oval rate	es (as a	pplicable):								
Design BOD								94.	4	%		
Design SS re			5				***************************************	G/.	6	%	,	
Design P rem							remark marking	n/A		%		
•							Seculations	64		***************************************		
Design N rem	iovai						***************************************			%		
Other							***************************************	W-1-2-W-1-4-B-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		%		
c. What type of	disinfection i	s used f	or the e	ffluent from	n this	outfall? If disir	nfection varies	by seas	on, pi	lease descril	be.	
<u>CM</u>	6RING	TA	1107	<u> </u>				······································		anne manusius administrativa (Capaca di a		Company (All Company (Alacama) (Alac
If disinfection	is by chlorin	ation, is	dechlo	rination use	ed for	this outfall?		6	_ Ye	s		No
d. Does the trea	tment plant i	nave pos	st aerat	ion?			_		_ Ye	s _	······································	No
At a minimum, e	ffluent testi		must l	pe based o	n at	least three sa		ust be n	o mo	re than fou	r and (	by 40 CFR Part 136. one-half years apart.
PARAME	IEK			MUMIXAN	DAIL	~~~~		omputeration of	AVE	RAGE DAILY		
			<u> </u>	/alue		Units	Value	3		Units	Units Number of Sample	
pH (Minimum)			6.	0		s.u.						
pH (Maximum)			80	5		s.u.						
Flow Rate			101	15	19	<u> 60                                   </u>	1006	7	117	<u>6-0</u>		<u> </u>
Temperature (Winter)			10	18		<u>, 0</u>	8-2		C	<u>. C </u>	J fle	
Temperature (Summer)  * For pH please r		num and	a max	ープ   imum daily	64	, <i>O</i>	26,		C	<i>6</i> "	<u></u>	
POLLUTAN		7	AXIMU	M DAILY IARGE			E DAILY DISC	HARGE		ANALYTIC METHO		ML/MDL
		Co	nc.	Units		Conc.	Units	Numbe Samp	(		***************************************	
CONVENTIONAL AND	NONCONVE	NTION	AL COI	MPOUNDS	•			-				
BIOCHEMICAL OXYGEN	BOD-5	NI	4									
DEMAND (Report one)	CBOD-5	10	ĵ	mgll		7.33	mall	3		3910 p	2	
FECAL COLIFORM								1 3		91921	2	Note a basilistic for the control of
TOTAL SUSPENDED SO	LIDS (TSS)	1//	-	mall		9,33	mgll	3		25401	2	
REFER TO TH	E APPLI	CATI	ON (			OF PAR		WHIC	:H (	OTHER	PAR	TS OF FORM

**2A YOU MUST COMPLETE** 

FAC	ILITY	Y NAME AND PERMIT NUMBER: 14009078786	Form Approved 1/14/99 OMB Number 2040-0086
50	) 753	SEX Schools COMPLEX STP	
BA	SIC	APPLICATION INFORMATION	
PAR	TB.	. ADDITIONAL APPLICATION INFORMATION FOR APPLIC EQUAL TO 0.1 MGD (100,000 gallons per day).	ANTS WITH A DESIGN FLOW GREATER THAN OR
All a	pplica	ants with a design flow rate $\geq$ 0.1 mgd must answer questions B.1 through	h B.6. All others go to Part C (Certification).
B.1.	(1 <u>8)</u>	Row and Infiltration. Estimate the average number of gallons per day the RADIS A VEING PARTY OF THE STATE OF THE STATE OF THE PARTY OF	TEANY KAIN (MAY DE 500-1009921.
	M	Ache A significant improvem	ENF.
B.2.	Thi	pographic Map. Attach to this application a topographic map of the area is map must show the outline of the facility and the following information.	a extending at least one mile beyond facility property boundaries. (You may submit more than one map if one map does not show
	a.	The area surrounding the treatment plant, including all unit processes.	
	b.	The major pipes or other structures through which wastewater enters the treated wastewater is discharged from the treatment plant. Include out	e treatment works and the pipes or other structures through which falls from bypass piping, if applicable.
	C.	Each well where wastewater from the treatment plant is injected underg	
	d.	Wells, springs, other surface water bodies, and drinking water wells that works, and 2) listed in public record or otherwise known to the applicant	
	e.	Any areas where the sewage sludge produced by the treatment works	
	f.	If the treatment works receives waste that is classified as hazardous ur truck, rail, or special pipe, show on the map where that hazardous wast disposed.	der the Resource Conservation and Recovery Act (RCRA) by see enters the treatment works and where it is treated, stored, and/or
B.3.	back	cess Flow Diagram or Schematic. Provide a diagram showing the prokup power sources or redundancy in the system. Also provide a water borination and dechlorination). The water balance must show daily averagorates between treatment units. Include a brief narrative description of the	alance showing all treatment units, including disinfection (e.g, le flow rates at influent and discharge points and approximate daily
B.4.	Ope	eration/Maintenance Performed by Contractor(s).	
		any operational or maintenance aspects (related to wastewater treatment tractor? YesNo	nt and effluent quality) of the treatment works the responsibility of a
		es, list the name, address, telephone number, and status of each contractives if necessary).	
	Nan	ne: CARRINGTON TUMB + IAR.	gation
	Mai	iling Address: 2363 Flist Hill Ad	
	Tele	ephone Number: 804 - 382 - 4222	
	Res	sponsibilities of Contractor: AENAIN + NENACE	FUMPS
B.5.	unc trea	heduled Improvements and Schedules of Implementation. Provide is completed plans for improvements that will affect the wastewater treatment works has several different implementation schedules or is planning for each. (If none, go to question B.6.)	nt, effluent quality, or design capacity of the treatment works. If the ng several improvements, submit separate responses to question
	a.	List the outfall number (assigned in question A.9) for each outfall that is	s covered by this implementation schedule.
	b.	Indicate whether the planned improvements or implementation schedu	le are required by local, State, or Federal agencies.
		Yes No - / A	

CILITY NAME AND PE	RMIT NUMBER: V	ev st	o p D				roved 1/14/99 ber 2040-0086
	B.5.b is "Yes," brie			aximum daily inflo	w rate (if applicabl	e).	
applicable. For	nposed by any com improvements plar cate dates as accu	nned independen	tly of local, S	al dates of comple tate, or Federal a	ation for the implen gencies, indicate p	nentation steps listed planned or actual com	below, as pletion dates,
		Schedule		Actual Complet	ion		
Implementation	Stage	MM / DD /	YYYY	MM / DD / YYY	Ľ		
- Begin constru	otion	//		//	- NA		
<ul> <li>End constructi</li> </ul>	on			//	- (V//		
<ul> <li>Begin discharç</li> </ul>	je	//		//			
<ul> <li>Attain operation</li> </ul>	nal level			//	-		
a Haya annas-isi	e permits/clearanc	oe concerning of	har Fadoral	Stata raquiroment	s heen obtained?	Yes	No
	e permits/ciearanc :					165	
Describe briefly:							
Applicants that disch testing required by to overflows in this second methods. In addition	G DATA (GREATE narge to waters of the permitting authoration. All information, this data must contain analytes not add	R THAN 0.1 MG the US must provority for each outfor reported must comply with QA/Qi ressed by 40 CF	ide effluent t fall through w be based on C requirement R Part 136.	esting data for the hich effluent is didata collected thints of 40 CFR Par At a minimum, eff	scharged. Do not ough analysis con t 136 and other ap	eters. Provide the ind include information or iducted using 40 CFR ipropriate QA/QC req must be based on at l	n combined se Part 136 uirements for
testing required by toverflows in this seconethods. In additional standard methods for pollutant scans and Outfall Number:	G DATA (GREATE narge to waters of the permitting authoration. All information, this data must corrupt analytes not add must be no more the	R THAN 0.1 MG the US must provority for each outfor reported must omply with QA/Quessed by 40 CF han four and one	ide effluent t fall through w be based on C requiremer R Part 136. -half years o	esting data for the hich effluent is didata collected throats of 40 CFR Par At a minimum, effld.	scharged. Do not ough analysis con t 136 and other ap luent testing data	include information or iducted using 40 CFR opropriate QA/QC req	n combined se Part 136 uirements for
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Applicants that discitesting required by toverflows in this second methods. In additional standard methods for pollutant scans and Outfall Number:  POLEUTANT  VENTIONAL AND NOTIONIA (as N)  ORINE (TOTAL	B DATA (GREATE narge to waters of the permitting authorition. All information, this data must cor analytes not add must be no more to MAXIMI DISC Conc.	the US must provority for each outfor reported must omply with QA/Quressed by 40 CF han four and one  UM DAILY HARGE  Units	ide effluent trail through we be based on C requiremer R Part 136half years o	esting data for the hich effluent is didata collected through the his of 40 CFR Par At a minimum, efflid.	scharged. Do not ough analysis con t 136 and other ar luent testing data occurred by the scheme of the scharge	include information of ducted using 40 CFR opropriate QA/QC req must be based on at I	n combined se Part 136 uirements for east three
Applicants that discitesting required by toverflows in this seemethods. In additionstandard methods for pollutant scans and Outfall Number:  POLLUTANT  IVENTIONAL AND NOTIONAL (as N)  ORINE (TOTAL IDUAL, TRC)	B DATA (GREATE narge to waters of the permitting authorition. All information, this data must cor analytes not add must be no more to MAXIMI DISC Conc.	the US must provority for each outfor reported must omply with QA/Quressed by 40 CF han four and one  UM DAILY HARGE  Units	ide effluent trail through we be based on C requiremer R Part 136half years o	esting data for the hich effluent is didata collected through the his of 40 CFR Par At a minimum, efflid.	scharged. Do not ough analysis con t 136 and other ar luent testing data occurred by the scheme of the scharge	include information of ducted using 40 CFR opropriate QA/QC req must be based on at I	n combined se Part 136 uirements for east three
Applicants that disct testing required by to overflows in this second methods. In additionstandard methods for pollutant scans and Outfall Number:  POLLUTANT  IVENTIONAL AND NOTIONIA (as N)  ORINE (TOTAL IDUAL, TRC)  SOLVED OXYGEN  AL KJELDAHL	B DATA (GREATE narge to waters of the permitting authorition. All information, this data must cor analytes not add must be no more to MAXIMI DISC Conc.	the US must provority for each outfor reported must omply with QA/Quressed by 40 CF han four and one  UM DAILY HARGE  Units	ide effluent trail through we be based on C requiremer R Part 136half years o	esting data for the hich effluent is didata collected through the high solution of 40 CFR Par At a minimum, efflid.	scharged. Do not ough analysis con t 136 and other ar luent testing data occurred by the scheme of the scharge	include information of ducted using 40 CFR opropriate QA/QC req must be based on at I	n combined se Part 136 uirements for east three
Applicants that discitesting required by toverflows in this seemethods. In additionstandard methods for pollutant scans and Outfall Number:  POLLUTANT  VENTIONAL AND NOTIONIA (as N)  ORINE (TOTAL IDUAL, TRC)  SOLVED OXYGEN  AL KJELDAHL  ROGEN (TKN)	B DATA (GREATE narge to waters of the permitting authorition. All information, this data must cor analytes not add must be no more to MAXIMI DISC Conc.	the US must provority for each outfor reported must omply with QA/Quressed by 40 CF han four and one  UM DAILY HARGE  Units	ide effluent trail through we be based on C requiremer R Part 136half years o	esting data for the hich effluent is didata collected through the high solution of 40 CFR Par At a minimum, efflid.	scharged. Do not ough analysis con t 136 and other ar luent testing data occurred by the scheme of the scharge	include information of ducted using 40 CFR opropriate QA/QC req must be based on at I	n combined se Part 136 uirements for east three
Applicants that discitesting required by toverflows in this seemethods. In additional standard methods for pollutant scans and Outfall Number:  POLLUTANT  VENTIONAL AND NOTIONIA (as N)  ORINE (TOTAL IDUAL, TRC)  SOLVED OXYGEN  AL KJELDAHL  OGEN (TKN)  LATE PLUS NITRITE	B DATA (GREATE narge to waters of the permitting authorition. All information, this data must cor analytes not add must be no more to MAXIMI DISC Conc.	the US must provority for each outfor reported must omply with QA/Quressed by 40 CF han four and one  UM DAILY HARGE  Units	ide effluent trail through we be based on C requiremer R Part 136half years o	esting data for the hich effluent is didata collected through the high solution of 40 CFR Par At a minimum, efflid.	scharged. Do not ough analysis con t 136 and other ar luent testing data occurred by the scheme of the scharge	include information of ducted using 40 CFR opropriate QA/QC req must be based on at I	n combined se Part 136 uirements for east three
Applicants that discitesting required by toverflows in this seemethods. In additional standard methods for pollutant scans and Outfall Number:  POLLUTANT  VENTIONAL AND NOTIONIA (as N)  ORINE (TOTAL IDUAL, TRC)  SOLVED OXYGEN  AL KJELDAHL  ROGEN (TKN)  RATE PLUS NITRITE ROGEN  and GREASE	B DATA (GREATE narge to waters of the permitting authorition. All information, this data must cor analytes not add must be no more to MAXIMI DISC Conc.	the US must provority for each outfor reported must omply with QA/Quressed by 40 CF han four and one  UM DAILY HARGE  Units	ide effluent trail through we be based on C requiremer R Part 136half years o	esting data for the hich effluent is didata collected through the high solution of 40 CFR Par At a minimum, efflid.	scharged. Do not ough analysis con t 136 and other ar luent testing data occurred by the scheme of the scharge	include information of ducted using 40 CFR opropriate QA/QC req must be based on at I	n combined se Part 136 uirements for east three
Applicants that discitesting required by toverflows in this seemethods. In additional standard methods for pollutant scans and Outfall Number:  POLLUTANT  VENTIONAL AND NOTIONAL (AS N)  ORINE (TOTAL IDUAL, TRC)  SOLVED OXYGEN  AL KJELDAHL  ROGEN (TKN)  RATE PLUS NITRITE ROGEN  and GREASE	B DATA (GREATE narge to waters of the permitting authorition. All information, this data must cor analytes not add must be no more to MAXIMI DISC Conc.	the US must provority for each outfor reported must omply with QA/Quressed by 40 CF han four and one  UM DAILY HARGE  Units	ide effluent trail through we be based on C requiremer R Part 136half years o	esting data for the hich effluent is didata collected through the high solution of 40 CFR Par At a minimum, efflid.	scharged. Do not ough analysis con t 136 and other ar luent testing data occurred by the scheme of the scharge	include information of ducted using 40 CFR opropriate QA/QC req must be based on at I	n combined se Part 136 uirements for east three
Applicants that discitesting required by toverflows in this second methods. In additions and methods for pollutant scans and Outfall Number:  POLLUTANT  IVENTIONAL AND NOTION (as N)  ORINE (TOTAL IDUAL, TRC)  SOLVED OXYGEN	B DATA (GREATE narge to waters of the permitting authorition. All information, this data must cor analytes not add must be no more to MAXIMI DISC Conc.	the US must provority for each outfor reported must omply with QA/Quressed by 40 CF han four and one  UM DAILY HARGE  Units	ide effluent trail through we be based on C requiremer R Part 136half years o	esting data for the hich effluent is didata collected through the high solution of 40 CFR Par At a minimum, efflid.	scharged. Do not ough analysis con t 136 and other ar luent testing data occurred by the scheme of the scharge	include information of ducted using 40 CFR opropriate QA/QC req must be based on at I	n combined se Part 136 uirements for east three

2A YOU MUST COMPLETE

		1
FACILITY NAME AND PERMIT NUMBER: VAOO	90786	Form Approved 1/14/99
SUBEX Schools Complex	5170	OMB Number 2040-0086
BASIC APPLICATION INFORMATION	NC	
PART C. CERTIFICATION		
applicants must complete all applicable sections of For	m 2A, as explained in the A rtification statement, applic	ermine who is an officer for the purposes of this certification. All application Overview. Indicate below which parts of Form 2A you ants confirm that they have reviewed Form 2A and have completed
Indicate which parts of Form 2A you have complete	ed and are submitting:	
Basic Application Information packet	Supplemental Application	Information packet:
	AA Part D (Expande	d Effluent Testing Data)
	<i>NA</i> Part E (Toxicity T	esting: Biomonitoring Data)
	VA Part F (Industrial	User Discharges and RCRA/CERCLA Wastes)
/	VA Part G (Combine	d Sewer Systems)
ALL APPLICANTS MUST COMPLETE THE FOLLOW	/ING CERTIFICATION.	
designed to assure that qualified personnel properly ga	ather and evaluate the infor consible for gathering the in	d under my direction or supervision in accordance with a system mation submitted. Based on my inquiry of the person or persons formation, the information is, to the best of my knowledge and is for submitting false information, including the possibility of fine
Name and official title ARTHUR JAN	gett, JR. E.	InD - Division Superintent Lent
Signature ////////////////////////////////////	<u> 1211 6/c </u>	
Telephone number 434-246-7	050	
Date signed 8-5-15		
Upon request of the permitting authority, you must sub works or identify appropriate permitting requirements.	mit any other information n	ecessary to assess wastewater treatment practices at the treatment

SEND COMPLETED FORMS TO:

		4									
FACILITY NAME AND PERMIT N SUSSEX Schools	UMBER	: VA	009	078	6						roved 1/14/99 ber 2040-0086
SUSSEX Schools	- Co	n A	Lex.	57	2						
SUPPLEMENTAL AP											
PART D. EXPANDED EFFLU	JENT TI	ESTING	3 DATA								
Refer to the directions on the co	over pag	e to de	termine	whethe	r this sec	ction ap	plies to	the tre	atment wor	ks.	
Effluent Testing: 1.0 mgd and F (or is required to have) a pretreatr data for the following pollutants. Feach outfall through which effluen must be based on data collected trequirements of 40 CFR Part 136 Indicate in the blank rows provide must be based on at least three p	ment prod Provide that is disched through a and other and below a	gram, or ne indica arged. Inalyses er appro any data	is other ated efflu Do not in conduct priate QA you ma	wise requent testinclude in telegraph testing	uired by ing information of the control of the cont	the pern nation and on con Part 13 ts for stants	nitting au nd any o nbined s 6 metho andard m specifica	athority to ther info ewer over ids. In a nethods ally listed	to provide the promation requestions in the addition, these for analytes I in this form	e data, then provide uired by the permitti is section. All inform se data must comply not addressed by 4	e effluent testing ng authority <u>for</u> mation reported y with QA/QC 0 CFR Part 136.
Outfall number:	·				~				of the Unite	d States.)	H
POLLUTANT		DISCI	IM DAIL'				DAILY				
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of	ANALYTICAL METHOD	ML/ MDL
METALS (TOTAL RECOVERABLE), (	I CYANIDE,	PHENO	LS, AND	I HARDNE	SS.				Samples		
ANTIMONY											
ARSENIC										***************************************	
BERYLLIUM											
CADMIUM											
CHROMIUM											
COPPER											
LEAD											
MERCURY											
NICKEL											
SELENIUM											
SILVER											
THALLIUM											
ZINC											
CYANIDE											
TOTAL PHENOLIC COMPOUNDS											
HARDNESS (AS CaCO <sub>3</sub> )											

Use this space (or a separate sheet) to provide information on other metals requested by the permit writer.

FACILITY NAME AND PERMIT NUM	MBER: <i>VA 0</i> 09	0786
SUSSEX Schools	Complex	5711

NA

Form Approved 1/14/99 OMB Number 2040-0086

Outfall number:		(Complete once for each outfall discharging effluent to waters of the United States.)  MAXIMUM DAILY   AVERAGE DAILY DISCHARGE									
POLLUTANT	MAXIMUM DAILY DISCHARGE				Α\	/ERAGI	E DAILY	DISCH			
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
VOLATILE ORGANIC COMPOUNDS.					<u> </u>	<b>.</b>	L	1	Gamples		
ACROLEIN											
ACRYLONITRILE											
BENZENE											
BROMOFORM											
CARBON TETRACHLORIDE											
CLOROBENZENE											
CHLORODIBROMO-METHANE											
CHLOROETHANE				<u> </u>		<b></b>					
2-CHLORO-ETHYLVINYL ETHER											
CHLOROFORM											
DICHLOROBROMO-METHANE											
1,1-DICHLOROETHANE											
1,2-DICHLOROETHANE											
TRANS-1,2-DICHLORO-ETHYLENE											
1,1-DICHLOROETHYLENE											
1,2-DICHLOROPROPANE											
1,3-DICHLORO-PROPYLENE											
ETHYLBENZENE											
METHYL BROMIDE											
METHYL CHLORIDE											
METHYLENE CHLORIDE											
1,1,2,2-TETRACHLORO-ETHANE											
TETRACHLORO-ETHYLENE											
TOLUENE											

FACILITY NAME AND PERMIT NUMBER: VA 0090786  SUSSEX Schools Complex 5TA						V).			Form Approved 1/14/99 OMB Number 2040-0086		
JUSSEX John	5 6	<u> 2191</u>	1 LEX	57				- *	·		
Outfall number:	_ (Comp	lete onc	e for eac	ch outfall	discharg				the United	States.)	
POLLUTANT	٨		IM DAIL' IARGE	Υ	A\	/ERAGI	EDAILY	DISCH	ARGE		
	Conc.		Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
1,1,1-TRICHLOROETHANE											***
1,1,2-TRICHLOROETHANE											
TRICHLORETHYLENE											
VINYL CHLORIDE											
Use this space (or a separate sheet) to	provide in	formatio	n on other	volatile o	organic cor	npounds	requeste	d by the	permit writer.		
ACID-EXTRACTABLE COMPOUNDS		L		1	1	I	1	I	L		
P-CHLORO-M-CRESOL											
2-CHLOROPHENOL											
2,4-DICHLOROPHENOL											
2,4-DIMETHYLPHENOL											
4,6-DINITRO-O-CRESOL											
2,4-DINITROPHENOL											
2-NITROPHENOL											
4-NITROPHENOL											
PENTACHLOROPHENOL											
PHENOL											
2,4,6-TRICHLOROPHENOL											
Use this space (or a separate sheet) to	provide ir	nformatio	n on othe	r acid-ext	ractable co	mpound	s request	ed by the	permit writer.		
BASE-NEUTRAL COMPOUNDS.	<u> </u>	1	L	I	L	L	L	L	L		1
ACENAPHTHENE											
ACENAPHTHYLENE											
ANTHRACENE					<b></b>						
BENZIDINE											
BENZO(A)ANTHRACENE											
				<b></b>	<b>T</b>	<u> </u>	<b>†</b>	<b>T</b>	<u> </u>		

FACILITY NAME AND PERMIT NUMBER: 1/A 0090786 TUSSEX Schools Complex 57-10



Form Approved 1/14/99 OMB Number 2040-0086

					discharging effluent to waters of the United S  AVERAGE DAILY DISCHARGE				States.)		
POLLUTANT	POLLUTANT MAXIMUM DAILY DISCHARGE										
	Conc.		Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
3,4 BENZO-FLUORANTHENE											
BENZO(GHI)PERYLENE											
BENZO(K)FLUORANTHENE											
BIS (2-CHLOROETHOXY) METHANE											
BIS (2-CHLOROETHYL)-ETHER											
BIS (2-CHLOROISO-PROPYL) ETHER											
BIS (2-ETHYLHEXYL) PHTHALATE											
4-BROMOPHENYL PHENYL ETHER											
BUTYL BENZYL PHTHALATE											
2-CHLORONAPHTHALENE											
4-CHLORPHENYL PHENYL ETHER											
CHRYSENE											
DI-N-BUTYL PHTHALATE											
DI-N-OCTYL PHTHALATE											
DIBENZO(A,H) ANTHRACENE											
1,2-DICHLOROBENZENE											
1,3-DICHLOROBENZENE											
1,4-DICHLOROBENZENE											
3,3-DICHLOROBENZIDINE											
DIETHYL PHTHALATE											
DIMETHYL PHTHALATE											
2,4-DINITROTOLUENE											
2,6-DINITROTOLUENE											
1,2-DIPHENYLHYDRAZINE											

FACILITY NAME AND PERMIT NUMBER: OUTO 186 SUSSEX Schools Complex 5TM					Form Approved 1/14 OMB Number 2040						
SUSSEX School	165 C	T OM	NER	5			- 1 V				
Outfall number:	_ (Comp	lete ond	e for eac	ch outfall	discharg	ging efflu	uent to w	aters of	the United S	States.)	
POLLUTANT	1		JM DAIL' HARGE	Y	A۱	/ERAGI	E DAILY	DISCH	ARGE		
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
FLUORANTHENE									e danipies		
FLUORENE											
HEXACHLOROBENZENE											
HEXACHLOROBUTADIENE											
HEXACHLOROCYCLO- PENTADIENE											
HEXACHLOROETHANE											
INDENO(1,2,3-CD)PYRENE						<u> </u>					·
ISOPHORONE											
NAPHTHALENE											
NITROBENZENE											
N-NITROSODI-N-PROPYLAMINE											
N-NITROSODI- METHYLAMINE											
N-NITROSODI-PHENYLAMINE											
PHENANTHRENE											
PYRENE											
1,2,4-TRICHLOROBENZENE											
Use this space (or a separate sheet) to	provide i	nformatio	on on othe	r base-ne	eutral comp	oounds re	equested	by the pe	ermit writer.	-	
	<u> </u>	<u></u>		<u></u>	1-7-		<u></u>	1 5			
Use this space (or a separate sheet) to	o provide i	ntormatio	on on othe	r pollutan	ts (e.g., pe	esticides)	requeste	a by the	permit writer.	and the second s	
		<u></u>			<u> </u>	<u> </u>			<u> </u>		
REFER TO THE APP	LICA:	ΓΙΟΝ		RVIE\	D OF N TO MUS	DETI	ERMII		HICH O	THER PARTS	OF FORM

FACILITY NAME AND PERMIT NUMBER SUSSEX Schools Co	: OUTO 78 G malex 5TM	NA	Form Approved 1/14/99 OMB Number 2040-0086
SUPPLEMENTAL APPLICA			
PART E. TOXICITY TESTING D	ATA		
two species), or the results from results show no appreciable to not include information on commanalysis conducted using 40 C and other appropriate QA/QC.  In addition, submit the results of a toxicity reduction evaluation.  If you have already submitted a requested in question E.4 for part methods. If test summaries ar If no biomonitoring data is required, do no complete.  E.1. Required Tests.  Indicate the number of whole effluenchronicacute  E.2. Individual Test Data. Complete the	with a design flow rate greate IR Part 403); or 3) POTWs re ust include quarterly testing for nour tests performed at least sciety, and testing for acute at bined sewer overflows in this FR Part 136 methods. In addrequirements for standard me of any other whole effluent too four and one-half years revenue of the information requestreviously submitted information available that contain all of the complete Part E. Refer to the following chart for each whole following chart for each whole	er than or equal to 1.0 mgd; 2) POTM quired by the permitting authority to so a 12-month period within the past 1 st annually in the four and one-half yend/or chronic toxicity, depending on the section. All information reported mudition, this data must comply with QA/thods for analytes not addressed by exicity tests from the past four and one aled toxicity, provide any information ted in Part E, you need not submit it a son. If EPA methods were not used, in the information requested below, then application Overview for directions are past four and one-half years.	We with a pretreatment program (or those submit data for these parameters. I year using multiple species (minimum of ars prior to the application, provided the ne range of receiving water dilution. Do st be based on data collected through IQC requirements of 40 CFR Part 136.40 CFR Part
column per test (where each species	, ,,	s page if more than three tests are be	•
a. Test information.	rest number.	Test number:	root namoon.
Test species & test method number			
Age at initiation of test			
Outfall number			

Age at initiation of fest

Outfall number

Dates sample collected

Date test started

Duration

b. Give toxicity test methods followed.

Manual title

Edition number and year of publication

Page number(s)

c. Give the sample collection method(s) used. For multiple grab samples, indicate the number of grab samples used.

24-Hour composite

Grab

d. Indicate where the sample was taken in relation to disinfection. (Check all that apply for each)

Before disinfection

After disinfection

After dechlorination

FACILITY NAME AND PERMIT NUMBER JUSSEX Schools Con	::0090786 molex 5TB	NA	Form Approved 1/14/99 OMB Number 2040-0086
00/10/2/	Test number:	Test number:	Test number:
e. Describe the point in the treatmer	at process at which the sample was o	collected.	
Sample was collected:			
f. For each test, include whether the	test was intended to assess chronic	toxicity, acute toxicity, or both.	
Chronic toxicity			
Acute toxicity			
g. Provide the type of test performed	1.		
Static			
Static-renewal			
Flow-through			
h. Source of dilution water. If labora	atory water, specify type; if receiving	water, specify source.	
Laboratory water			
Receiving water			
i. Type of dilution water. It salt water	r, specify "natural" or type of artificia	I sea salts or brine used.	
Fresh water			
Salt water			
j. Give the percentage effluent used	for all concentrations in the test seri	es.	
k. Parameters measured during the	test. (State whether parameter meet	ts test method specifications)	
рН			
Salinity			
Temperature			
Ammonia	,		
Dissolved oxygen			
I. Test Results.			
Acute:			
Percent survival in 100% effluent	%	%	%
LC <sub>50</sub>			
95% C.I.	%	%	%
Control percent survival	%	%	%

Other (describe)

FACILITY NAME AND PERMIT NUMBER: 009 SUSSEX Schools Compt	878G		Form Approved 1/14/99 OMB Number 2040-0086		
SUSSEX Schools Compt.	EX STP	11/t			
Chronic:					
NOEC	%	%	%		
IC <sub>25</sub>	%	%	%		
Control percent survival	%	%	%		
Other (describe)					
m. Quality Control/Quality Assurance.					
Is reference toxicant data available?					
Was reference toxicant test within acceptable bounds?					
What date was reference toxicant test run (MM/DD/YYYY)?					
Other (describe)					
E.3. Toxicity Reduction Evaluation. Is the treatment of the second of th					
E.4. Summary of Submitted Biomonitoring Test cause of toxicity, within the past four and one summary of the results.	t Information. If you have half years, provide the date	submitted biomonitoring test informates the information was submitted to the	ion, or information regarding the ne permitting authority and a		
Date submitted:(MM/DD/YYYY)					
Summary of results: (see instructions)					
REFER TO THE APPLICATION	END OF PA		ER PARTS OF FORM		

2A YOU MUST COMPLETE.

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FACI	LIT 15	NAME AND PERMIT NUMBER: 0090786  SEX Schools Complex 5TA  Ala Schools Complex 5TA
SUI	эp	LEMENTAL APPLICATION INFORMATION
	eatr	F. INDUSTRIAL USER DISCHARGES AND RCRA/CERCLA WASTES nent works receiving discharges from significant industrial users or which receive RCRA, CERCLA, or other remedial wastes must a Part F.
		RAL INFORMATION:
F.1.	Pre	treatment Program. Does the treatment works have, or is it subject to, an approved pretreatment program? _YesNo
F.2.		mber of Significant Industrial Users (SIUs) and Categorical Industrial Users (CIUs). Provide the number of each of the following types ndustrial users that discharge to the treatment works.
	a.	Number of non-categorical SIUs.
	b.	Number of CIUs.
SIG	NIF	ICANT INDUSTRIAL USER INFORMATION:
		he following information for each SIU. If more than one SIU discharges to the treatment works, copy questions F.3 through F.8 ride the information requested for each SIU.
	Sig	inificant Industrial User Information. Provide the name and address of each SIU discharging to the treatment works. Submit additional ges as necessary.
	Na	me:
	Ма	iling Address:
F.4.	Inc	dustrial Processes. Describe all of the industrial processes that affect or contribute to the SIU's discharge.
F.5.		incipal Product(s) and Raw Material(s). Describe all of the principal processes and raw materials that affect or contribute to the SIU's charge.
	Pri	ncipal product(s):
	Ra	w material(s):
F.6.	Fle	ow Rate.
	a.	per day (gpd) and whether the discharge is continuous or intermittent.
		gpd (continuous orintermittent)
	b.	Non-process wastewater flow rate. Indicate the average daily volume of non-process wastewater flow discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.
		gpd (continuous orintermittent)
F.7.	Pre	etreatment Standards. Indicate whether the SIU is subject to the following:
	a.	Local limitsYesNo
	b.	Categorical pretreatment standardsYesNo

If subject to categorical pretreatment standards, which category and subcategory?

FACII	LITY NAME AND PERMIT NUMBER: 0090 780	NA	Form Approved 1/14/99 OMB Number 2040-0086
<u> S</u>	255EX Schools Complex STA	1017	
F.8.	Problems at the Treatment Works Attributed to Waste Discharged by upsets, interference) at the treatment works in the past three years?	he SIU. Has the SIU caused or contril	buted to any problems (e.g.,
	YesNo If yes, describe each episode.		
	A HAZARDOUS WASTE RECEIVED BY TRUCK, RAIL, OR DED		
F.9.	RCRA Waste. Does the treatment works receive or has it in the past three pipe?YesNo (go to F.12.)	years received RCRA hazardous was	te by truck, rail, or dedicated
F.10.	Waste Transport. Method by which RCRA waste is received (check all the	at apply):	
	TruckRailDedicated Pipe		
F.11.	Waste Description. Give EPA hazardous waste number and amount (vo	ume or mass, specify units).	
	EPA Hazardous Waste Number Amount	<u>Units</u>	
	CLA (SUPERFUND) WASTEWATER, RCRA REMEDIATION/CO ION WASTEWATER, AND OTHER REMEDIAL ACTIVITY WAST		
F.12.	Remediation Waste. Does the treatment works currently (or has it been	notified that it will) receive waste from r	remedial activities?
	Yes (complete F.13 through F.15.)No		
	Provide a list of sites and the requested information (F.13 - F.15.) for each	current and future site.	
F.13.	<b>Waste Origin.</b> Describe the site and type of facility at which the CERCLA in the next five years).	RCRA/or other remedial waste origina	ates (or is expected to originate
F.14.	<b>Pollutants.</b> List the hazardous constituents that are received (or are experience). (Attach additional sheets if necessary).	cted to be received). Include data on	volume and concentration, if
			nagara sanah daga da kanah da
F.15.	Waste Treatment.		
	a. Is this waste treated (or will it be treated) prior to entering the treatment	t works?	
	YesNo	officionacy):	
	If yes, describe the treatment (provide information about the removal of	molency).	
	b. Is the discharge (or will the discharge be) continuous or intermittent?		
	ContinuousIntermittent If intermittent,	describe discharge schedule.	
-2 (311) 256 (31			
	END OF PA		
RE	FER TO THE APPLICATION OVERVIEW TO DE	TERMINE WHICH OTHE	R PARTS OF FORM

2A YOU MUST COMPLETE

FACILITY NAME AND PERMIT NUMBER: 0070 786 Form Approved 1/14/99 OMB Number 2040-0086 SUSSEX Schools Complex STA SUPPLEMENTAL APPLICATION INFORMATION PART G. COMBINED SEWER SYSTEMS If the treatment works has a combined sewer system, complete Part G. G.1. System Map. Provide a map indicating the following: (may be included with Basic Application Information) a. All CSO discharge points. b. Sensitive use areas potentially affected by CSOs (e.g., beaches, drinking water supplies, shellfish beds, sensitive aquatic ecosystems, and outstanding natural resource waters). c. Waters that support threatened and endangered species potentially affected by CSOs. G.2. System Diagram. Provide a diagram, either in the map provided in G.1. or on a separate drawing, of the combined sewer collection system that includes the following information: a. Locations of major sewer trunk lines, both combined and separate sanitary. b. Locations of points where separate sanitary sewers feed into the combined sewer system. c. Locations of in-line and off-line storage structures. d. Locations of flow-regulating devices. e. Locations of pump stations. **CSO OUTFALLS:** Complete questions G.3 through G.6 once for each CSO discharge point. G.3. Description of Outfall. a. Outfall number b. Location (City or town, if applicable) (Zip Code) (County) (State) (Latitude) (Longitude) c. Distance from shore (if applicable) d. Depth below surface (if applicable) e. Which of the following were monitored during the last year for this CSO? CSO pollutant concentrations CSO frequency Rainfall \_\_\_CSO flow volume \_\_\_\_Receiving water quality f. How many storm events were monitored during the last year? G.4. CSO Events. a. Give the number of CSO events in the last year. events (\_\_\_ actual or \_\_\_ approx.) b. Give the average duration per CSO event.

hours (\_\_\_\_ actual or \_\_\_\_ approx.)

ACILITY NAME AND PERMIT NUMBER: 090796  Form Approved 1/14  OMB Number, 2040.	
SUSSER Schools Complex STP NA OMB Number 2040-	-0086
c. Give the average volume per CSO event.	
million gallons ( actual or approx.)	
d. Give the minimum rainfall that caused a CSO event in the last year.	
inches of rainfall	
6.5. Description of Receiving Waters.	
a. Name of receiving water:	
b. Name of watershed/river/stream system:	
United States Soil Conservation Service 14-digit watershed code (if known):	
c. Name of State Management/River Basin:	
United States Geological Survey 8-digit hydrologic cataloging unit code (if known):	
G.6. CSO Operations.	
Describe any known water quality impacts on the receiving water caused by this CSO (e.g., permanent or intermittent beach closings, permanent or intermittent shell fish bed closings, fish kills, fish advisories, other recreational loss, or violation of any applicable State w quality standard).	/ater
FND OF PART G	

END OF PART G.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM
2A YOU MUST COMPLETE.

### VPDES Permit Application Addendum

1. Entity to whom the permit is to be issued: Susset County School Based Who will be legally responsible for the wastewater treatment facilities and compliance with the permit? This may or n
not be the facility or property owner.
2. Is this facility located within city or town boundaries? Yes No
3. Provide the tax map parcel number for the land where the discharge is located. 90-A14
4. For the facility to be covered by this permit, how many acres will be disturbed during the next
five years due to new construction activities?
5. What is the design average effluent flow of this facility? 6.630 MGD  For industrial facilities, provide the max. 30-day average production level, include units:
In addition to the design flow or production level, should the permit be written with limits for any other discharge flow tiers or production levels? Yes No If "Yes", please identify the other flow tiers (in MGD) or production levels:
Please consider the following questions for both the flow tiers and the production levels (if applicable): Do you plan to expand operations during the next five years? Is your facility's design flow considerably greater than your current flow
6. Nature of operations generating wastewater:
WASTEWATER TREATMENT FOR 3 public schools
% of flow from domestic connections/sources
Number of private residences to be served by the treatment works:
/00 % of flow from non-domestic connections/sources
7. <b>Mode of discharge</b> : Continuous Intermittent Seasonal Describe frequency and duration of intermittent or seasonal discharges:
8-24 hours per discharge
8. Identify the characteristics of the receiving stream at the point just above the facility's discharge point:
Permanent stream, never dry
Intermittent stream, usually flowing, sometimes dry
Ephemeral stream, wet-weather flow, often dry
Effluent-dependent stream, usually or always dry without effluent flow
Lake or pond at or below the discharge point
Other:
9. Approval Date(s):
O & M Manual March, 2002 Sludge/Solids Management Plan furth hav
Have there been any changes in your operations or procedures since the above approval dates? Yes N

SCREENING INFORMATION

This application is divided into sections. Sections A pertain to all applic

	d on you	r facility's sewage sludge use or disposal practices. The information provided on this page will help you ch sections to fill out.
1.	All ap	oplicants must complete Section A (General Information).
2.	Will t	his facility generate sewage sludge? Yes _No
	Will t	his facility derive a material from sewage sludge? _Yes No
	•	answered Yes to either, complete Section B (Generation Of Sewage Sludge Or Preparation Of A Material Derived Sewage Sludge).
3.	Will t	his facility apply sewage sludge to the land?YesNo
	Wills	sewage sludge from this facility be applied to the land? _Yes _No
	If you	answered No to both questions above, skip Section C.
	If you	answered Yes to either, answer the following three questions:
	a.	Will the sewage sludge from this facility meet the ceiling concentrations, pollutant concentrations, Class A pathogen reduction requirements and one of the vector attraction reduction requirements 1-8, as identified in the instructions? YesNo
	b.	Will sewage sludge from this facility be placed in a bag or other container for sale or give-away for application to the land?YesNo
	c.	Will sewage sludge from this facility be sent to another facility for treatment or blending?YesNo
	If you	answered No to all three, complete Section C (Land Application Of Bulk Sewage Sludge).
	-	answered Yes to a, b or c, skip Section C.
4.	Do yo	ou own or operate a surface disposal site? Yes No
		s, complete Section D (Surface Disposal).

# FACILITY NAME: SUSSEX Schools Complex STP VPDES PERMIT NUMBER! 140090 186 SECTION A. GENERAL INFORMATION

All applicants must complete this section.

1. Facility Information. a. Facility name. Justic School S	1.	Facility	Information.
Phone: #34 - 346-6601  c. Mailing address: Street or P.O. Box: City or Town: #1934 Supplied State: #1938 State: #1938 Street or P.O. Box: County: #1938 State: #1		a.	Facility name: 5 USSER JEGOOLS COMPLEX SIM
Phone: #34 - 346 - 660    c. Mailing address: Street or P.O. Box: City or Town: #194		b.	Contact person: OFAAId LACERTE
c. Mailing address: Street or P.O. Box: City or Town: Street or Route #: 2/394 505555			
Street or P.O. Box: 6  City or Town: **Joseph ** Joseph			Phone: #34 - 246 - 6601
d. Facility location: Street or Route #: 2/394 505562 Alexa (291 # - 21388)  Street or Route #: 2/394 505562 Alexa (291 # - 21388)  County 505562 City or Town: 505562 City or Town: 505562 Bis this facility a Class I sludge management facility? Yes No f. Facility design flow rate: 6/30 mgd g. Total population served: 7350 h. Indicate the type of facility:  Publicly owned treatment works (POTW) Privately owned treatment works Federally owned treatment works Blending or treatment operation Surface disposal site Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following: a. Applicant name: 505662 City or Town: 505662 City o		c.	
d. Facility location: Street or Route #: # 194 5055& 1016 (201# - 2338)  City or Town: 5055& State: 12 23884  e. Is this facility a Class I sludge management facility? Yes No f. Facility design flow rate: 190 mgd g. Total population served: 1350 h. Indicate the type of facility:  Publicly owned treatment works (POTW) Privately owned treatment works  Federally owned treatment works  Blending or treatment operation Surface disposal site Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following: a. Applicant name: 5075& County 5640& County Street or P.O. Box: 1004 1368 City or Town: 5075& State: 147 2ip: 23884  c. Contact person: 1004 1474 1476 1576  d. Is the applicant the owner or operator (or both) of this facility?  Owner Operator  e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one) facility applicant  3. Permit Information. a. Facility's VPDES permit number (if applicable): 1400 70 78 6 b. List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number: 1505 255 250 250 250 250 250 250 250 250			Street or P.O. Box:
d. Facility location: Street or Route #: # 194 5055			City or Town: Trony entitle State: 1/1 Zip: 1/1000
City or Town: State: State: Zip:  e. Is this facility a Class I sludge management facility? Yes No  f. Facility design flow rate: Management facility? Yes No  f. Facility design flow rate: Management facility? Yes No  h. Indicate the type of facility:  Publicly owned treatment works (POTW)  Privately owned treatment works  Federally owned treatment works  Blending or treatment operation  Surface disposal site  Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following:  a. Applicant name: State County School State: Town of School State: Street or P.O. Box: Street or P.O. Box: State: State: Town of School State: Town of School State: Town of School State:		d.	Facility location:
City or Town: State: State: Zip:  e. Is this facility a Class I sludge management facility? Yes No  f. Facility design flow rate: May design flow rate: Ma			Street or Route #: 6/394 Joseph John Street or Route #: 6/394 Joseph Jos
f. Facility design flow rate:			County: 7 085 EX
f. Facility design flow rate:			City or Town: State: VI Zip:
g. Total population served: / 35 C h. Indicate the type of facility:    Publicly owned treatment works (POTW)   Privately owned treatment works   Federally owned treatment works   Blending or treatment operation   Surface disposal site   Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following:   a. Applicant name: \$\infty \infty			is this facility a Class I studge management facility: I es NO
h. Indicate the type of facility:  Publicly owned treatment works (POTW)  Privately owned treatment works  Federally owned treatment works  Blending or treatment operation  Surface disposal site  Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following:  a. Applicant name: Surface County School County  b. Mailing address: Street or P.O. Box: P.O. Box: 1368  City or Town: Sufface State: United States Street or P.O. Box: Power States of Power Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)  a. Facility's VPDES permit number (if applicable): Program of Power Power States or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number: Type of Permit: Management practices:  Permit Number: Type of Permit Manag			Facility design flow rate: mgd
Publicly owned treatment works (POTW) Privately owned treatment works Federally owned treatment works Blending or treatment operation Surface disposal site Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following: a. Applicant name: Surface County School County b. Mailing address: Street or P.O. Box: P.O. Nox 1368 City or Town: Sufface State: A Zip: 23884 C. Contact person: P.A. Applicant State: A Zip: 23884  c. Contact person: P.A. Applicant State: A Zip: 23884  d. Is the applicant the owner or operator (or both) of this facility? Owner Owner operator Should correspondence regarding this permit be directed to the facility or the applicant? (Check one) facility applicant  3. Permit Information. a. Facility's VPDES permit number (if applicable): A OS			
Privately owned treatment worksFederally owned treatment worksBlending or treatment operationSurface disposal site		11.	
Blending or treatment operation  Surface disposal site  Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following:  a. Applicant name: 507560000000000000000000000000000000000			
Surface disposal site Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following: a. Applicant name: Surface County School Counted  b. Mailing address: Street or P.O. Box: Act Act State: Act Zip: 23884  City or Town: Sufface State: Act Zip: 23884  c. Contact person: An Act Act State: Act Zip: 23884  d. Is the applicant the owner or operator (or both) of this facility?  owner operator e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one) facility applicant  3. Permit Information. a. Facility's VPDES permit number (if applicable): Acc So 786  b. List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number: Type of Permit: And Sufface Application to land or disposal of sewage sludge from this			
Other (describe):  2. Applicant Information. If the applicant is different from the above, provide the following: a. Applicant name: \$\int \frac{1}{2} \int			
2. Applicant Information. If the applicant is different from the above, provide the following:  a. Applicant name: 5075EX Country School Country  b. Mailing address:     Street or P.O. Box: 1968     City or Town: 5035EX State: 44 Zip: 23884  c. Contact person: 1964 Applicant for July 1964 State: 45 Zip: 23884  c. Contact person: 1964 Applicant for July 1964 State: 47 Zip: 23884  d. Is the applicant the owner or operator (or both) of this facility?			
b. Mailing address: Street or P.O. Box: City or Town:  City or Town:  City or Town:  Contact person:  Title:  Phone:  (194-146-1650)  d. Is the applicant the owner or operator (or both) of this facility?  owner  owner  e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)  facility  applicant  3. Permit Information.  a. Facility's VPDES permit number (if applicable):  List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number:  Type of Permit:  Type of Permit:  Application to land or disposal of sewage sludge from this			
b. Mailing address: Street or P.O. Box: City or Town:  City or Town:  City or Town:  Contact person:  Title:  Phone:  (194-146-1650)  d. Is the applicant the owner or operator (or both) of this facility?  owner  owner  e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)  facility  applicant  3. Permit Information.  a. Facility's VPDES permit number (if applicable):  List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number:  Type of Permit:  Type of Permit:  Application to land or disposal of sewage sludge from this	2.	Applica	ant Information. If the applicant is different from the above, provide the following:
Street or P.O. Box: City or Town: State: A Zip: 23884  c. Contact person: A Afflux 1 State: A Zip: 23884  d. Is the applicant the owner or operator (or both) of this facility?  owner operator  e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one) facility applicant  3. Permit Information.  a. Facility's VPDES permit number (if applicable): A OS 90 78 6  b. List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number: Type of Permit: A NASA OF A A A A A A A A Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this			
c. Contact person:  Title:  Phone:  Afficial File  Phone:  Is the applicant the owner or operator (or both) of this facility?  Owner operator  e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)  facility applicant  3. Permit Information.  a. Facility's VPDES permit number (if applicable):  List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number:  Type of Permit:  Type of Permit:  Type of Permit:  Application to land or disposal of sewage sludge from this		b.	
d. Is the applicant the owner or operator (or both) of this facility?			Street or P.O. Box: 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.
d. Is the applicant the owner or operator (or both) of this facility?			City of Town: Joseph State: 07 Zip: 20
d. Is the applicant the owner or operator (or both) of this facility?		c.	Contact person: The first of th
owneroperator e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)facilityapplicant  3. Permit Information. a. Facility's VPDES permit number (if applicable):			Phone iddit - 2011 18 50
owneroperator e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)facilityapplicant  3. Permit Information. a. Facility's VPDES permit number (if applicable):		d	Is the applicant the august or approtor (or both) of this facility?
e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)  facility applicant  3. Permit Information.  a. Facility's VPDES permit number (if applicable):   List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number:  Type of Permit:   Type of Permit:   Analysis of Sewage sludge from this  4. Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this		u.	
Jermit Information.  a. Facility's VPDES permit number (if applicable): 1406 90 78 6  b. List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number: Type of Permit: 100 100 100 100 100 100 100 100 100 10		٩	
<ul> <li>3. Permit Information. <ul> <li>a. Facility's VPDES permit number (if applicable):</li></ul></li></ul>		٠.	facility applicant
a. Facility's VPDES permit number (if applicable): 110090786  b. List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:  Permit Number:  Type of Permit: 110090 Application to land or disposal of sewage sludge from this			
applied for that regulate this facility's sewage sludge management practices:  Permit Number:  Type of Permit:  Analysis  Analysis  Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this	3.	Permit	Information.
applied for that regulate this facility's sewage sludge management practices:  Permit Number:  Type of Permit:  Analysis  Analysis  Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this			Facility's VPDES permit number (if applicable): //1 00 70 70 4
4. Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this		b.	List on this form of an attachment, an other federal, state or local permits or construction approvals received or
4. Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this			
4. Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this			Permit Number: Type of Permit: And a series of East. Add out
4. Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this facility occur in Indian Country? Yes No If yes, describe:			An sock i man of a chill and
4. Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this facility occur in Indian Country? Yes No. If yes, describe:			
facility occur in Indian Country? Yes No. If yes, describe:	А	Indian	Country Does any generation treatment storage application to land or disposal of source all des from the
	٦,	facility	occur in Indian Country? Yes No If yes, describe:

FACILI	ITY NAME: SUSSEX Thooks Complex STR	VPDES PERMIT NUMBER: <u>VA 00907</u> 36
5.	Topographic Map. Provide a topographic map or maps (or other a	ppropriate maps if a topographic map is unavailable)
	that shows the following information. Maps should include the ar	ea one mile beyond all property boundaries of the
	facility:	

a. Location of all sewage sludge management facilities, including locations where sewage sludge is generated, stored, treated, or disposed.

b. Location of all wells, springs, and other surface water bodies listed in public records or otherwise known to the applicant within 1/4 mile of the property boundaries.

6. Line Drawing. Provide a line drawing and/or a narrative description that identifies all sewage sludge processes that will be employed during the term of the permit including all processes used for collecting, dewatering, storing, or treating sewage sludge, the destination(s) of all liquids and solids leaving each unit, and all methods used for pathogen reduction and vector attraction reduction.

7. Contractor Information. Are any operational or maintenance aspects of this facility related to sewage sludge generation, treatment, use or disposal the responsibility of a contractor? YesNo If yes, provide the following for each contractor (attach additional pages if necessary). Name: YesNo Mailing address: YesNo Mai	15

POLLUTANT	CONCENTRATION (mg/kg dry weight)	SAMPLE DATE	ANALYTICAL METHOD	DETECTION LEVEL FOR ANALYSIS
Arsenic				
Cadmium				
Chromium				
Copper				
Lead				
Mercury				
Molybdenum				
Nickel				
Selenium				
Zinc				

	Zinc					
9.	determine who	Read and submit the following o is an officer for purposes of the dare submitting:	certification state his certification.	ement with this application Indicate which parts of the	. Refer to the instructions to application you have	_
	Section E Section C	A (General Information) B (Generation of Sewage Sludge C (Land Application of Bulk Ser D (Surface Disposal)	e or Preparation o wage Sludge)	f a Material Derived from S	Sewage Sludge)	

FACILITY NAME: SUSSEX Schools Complex STA VPDES PERMIT NUMBER: 1/4,00909	FACILITY NAME: SUSSEX	Schools Comme	K STR	VPDES PERMIT NUMBER: 1/400907
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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and official title

Signature Halles Grand 3

Telephone number 434 74/2 1099

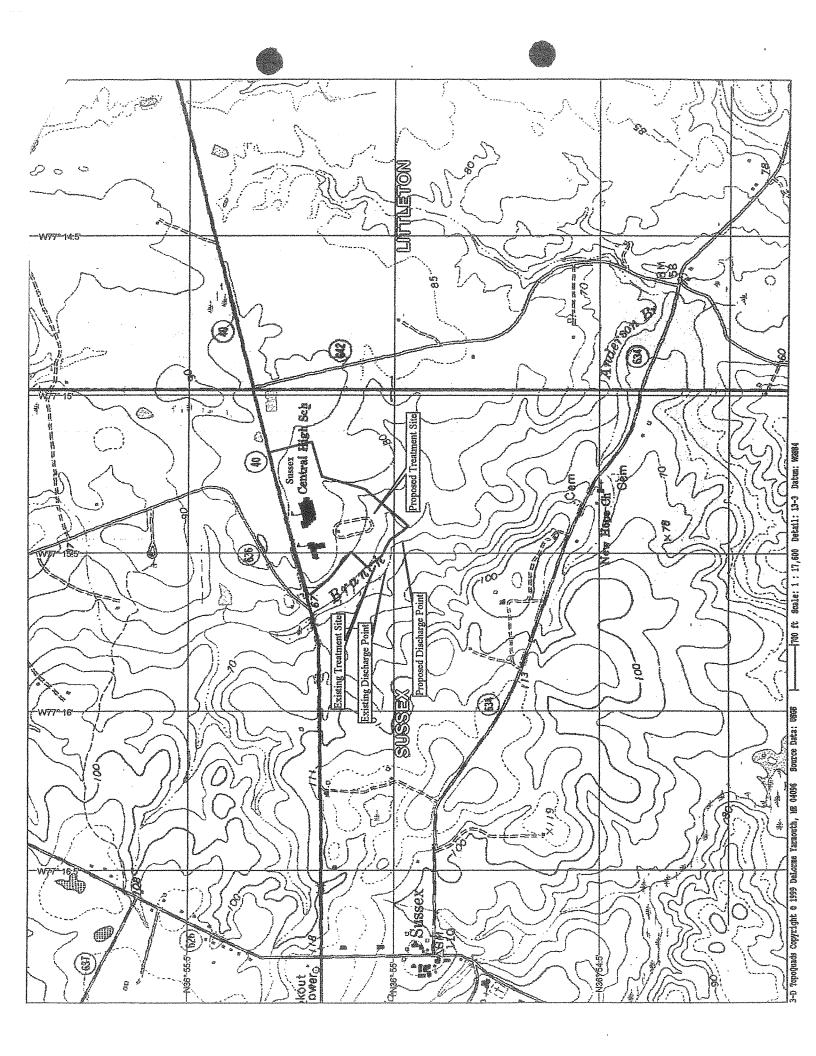
Upon request of the department, you must submit any other information necessary to assess sewage sludge use or disposal practices at your facility or identify appropriate permitting requirements.

Complete this section if your facility generates sewage sludge or derives a material from sewage sludge

_	
1.	Amount Generated On Site.  Total dry metric tons per 365-day period generated at your facility: dry metric tons 25,000 JAllow 5
VA 2.	Amount Received from Off Site. If your facility receives sewage sludge from another facility for treatment, use or disposal, provide the following information for each facility from which sewage sludge is received. If you receive sewage sludge from more than one facility, attach additional pages as necessary.  a. Facility name:  b. Contact Person:  Title:  Phone ( )
	c. Mailing address: Street or P.O. Box: City or Town:State:Zip:
	d. Facility Address: (not P.O. Box)
	e. Total dry metric tons per 365-day period received from this facility: dry metric tons  f. Describe, on this form or on another sheet of paper, any treatment processes known to occur at the off-site facility, including blending activities and treatment to reduce pathogens or vector attraction characteristics:
3.	Treatment Provided at Your Facility. a. Which class of pathogen reduction is achieved for the sewage sludge at your facility?Class AClass BNeither or unknown
NA	b. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce pathogens in sewage sludge:
	c. Which vector attraction reduction option is met for the sewage sludge at your facility?  Option 1 (Minimum 38 percent reduction in volatile solids)  Option 2 (Anaerobic process, with bench-scale demonstration)  Option 3 (Aerobic process, with bench-scale demonstration)  Option 4 (Specific oxygen uptake rate for aerobically digested sludge)  Option 5 (Aerobic processes plus raised temperature)  Option 6 (Raise pH to 12 and retain at 11.5)  Option 7 (75 percent solids with no unstabilized solids)  Option 8 (90 percent solids with unstabilized solids)  None or unknown
	d. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge:
	e. Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including blending, not identified in a - d above:
NA 4.	Preparation of Sewage Sludge Meeting Ceiling and Pollutant Concentrations, Class A Pathogen Requirements and One of Vector Attraction Reduction Options 1-8 (EQ Sludge).  (If sewage sludge from your facility does not meet all of these criteria, skip Question 4.)  a. Total dry metric tons per 365-day period of sewage sludge subject to this section that is applied to the land: dry metric tons  b. Is sewage sludge subject to this section placed in bags or other containers for sale or give-away?
	Yes _No
NA 5.	Sale or Give-Away in a Bag or Other Container for Application to the Land.  (Complete this question if you place sewage sludge in a bag or other container for sale or give-away prior to land application. Skip this question if sewage sludge is covered in Question 4.)  a. Total dry metric tons per 365-day period of sewage sludge placed in a bag or other container at your facility

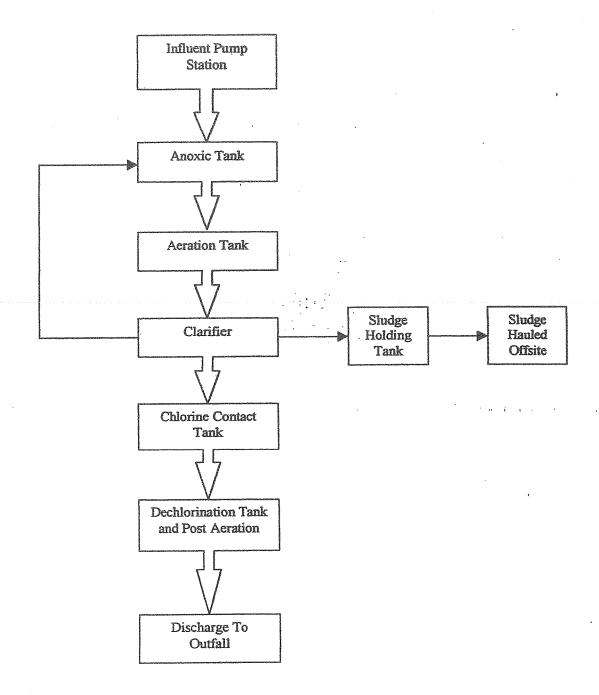
FACILIT	TY NAME	for sale or give-away for application to the land: dry metric tons
	b.	Attach, with this application, a copy of all labels or notices that accompany the sewage sludge being sold or given away in a bag or other container for application to the land.
	(Comple This que question addition	to Off Site for Treatment or Blending.  te this question if sewage sludge from your facility is sent to another facility that provides treatment or blending.  estion does not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this  if the sewage sludge is covered in Questions 4 or 5. If you send sewage sludge to more than one facility, attach  al sheets as necessary.)  Receiving facility name: Alack swamp www for Suggest Scavice for the outy  Facility contact: Frank If Invited  Title: Executive Dimector  Phone: (Fot 4 - 334 - 8930  Mailing address:
		City or Town: MAVERLY State: VA Zip: 23890
	d. e.	Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: dry metric tons flows
	t. NA NA	Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge from your facility?YesNo Which class of pathogen reduction is achieved for the sewage sludge at the receiving facility?Class AClass BNeither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce pathogens in sewage sludge:
	g.	Does the receiving facility provide additional treatment to reduce vector attraction characteristics of the sewage sludge?YesNo Which vector attraction reduction option is met for the sewage sludge at the receiving facility?Option 1 (Minimum 38 percent reduction in volatile solids)Option 2 (Anaerobic process, with bench-scale demonstration)Option 3 (Aerobic process, with bench-scale demonstration)Option 4 (Specific oxygen uptake rate for aerobically digested sludge)Option 5 (Aerobic processes plus raised temperature)Option 6 (Raise pH to 12 and retain at 11.5)Option 7 (75 percent solids with no unstabilized solids)Option 8 (90 percent solids with unstabilized solids)None unknown Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce vector attraction properties of sewage sludge:
	h.	Does the receiving facility provide any additional treatment or blending not identified in f or g above?  Yes No  If yes, describe, on this form or another sheet of paper, the treatment processes not identified in f or g above:  NA
	i.	If you answered yes to f., g or h above, attach a copy of any information you provide to the receiving facility to comply with the "notice and necessary information" requirement of 9 VAC 25-31-530.G.
	j	Does the receiving facility place sewage sludge from your facility in a bag or other container for sale or give-away for application to the land?YesNo If yes, provide a copy of all labels or notices that accompany the product being sold or given away.
	k.	Will the sewage sludge be transported to the receiving facility in a truck-mounted watertight tank normally used for such purposes? Yes No. If no, provide description and specification on the vehicle used to transport the sewage sludge to the receiving facility.  Show the haul route(s) on a location map or briefly describe the haul route below and indicate the days of the

FACIL	week and the times of the day sewage sludge will be transported.  HAVI ON AN AS NEEDED DAYS At 40 EAST to WAVERLY,  TURN 15FT ON Rt. 651, TURN Righton Rt. 626 to Blackwater War
	TURN LEFT ON Rt. 651, FURN Righton At. 626 to Blockwater W.
NA.	Land Application of Bulk Sewage Sludge.  (Complete Question 7.a if sewage sludge from your facility is applied to the land, unless the sewage sludge is covered in Questions 4, 5 or 6; complete Question 7.b, c & d only if you are responsible for land application of sewage sludge.)  a. Total dry metric tons per 365-day period of sewage sludge applied to all land application sites:dry metric tons  b. Do you identify all land application sites in Section C of this application?YesNo
	d. Attach a copy of any information you provide to the owner or lease holder of the land application sites to comply with the "notice and necessary" information requirement of 9 VAC 25-31-530 F and/or H (Examples may be obtained in Appendix IV).
A/A 8.	Surface Disposal.
	(Complete Question 8 if sewage sludge from your facility is placed on a surface disposal site.)  a. Total dry metric tons per 365-day period of sewage sludge from your facility placed on all surface disposal sites: dry metric tons
	<ul> <li>Do you own or operate all surface disposal sites to which you send sewage sludge for disposal?</li> <li>YesNo</li> </ul>
	If no, answer questions c - g for each surface disposal site that you do not own or operate. If you send sewage sludge to more than one surface disposal site, attach additional pages as necessary.  c. Site name or number:
	d. Contact person: Title: Phone: ( ) Contact is:Site OwnerSite operator
	e. Mailing address. Street or P.O. Box: City or Town:State:Zip:
	f. Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposal site: dry metric tons
	g. List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the surface disposal site:  Permit Number:  Type of Permit:
NA 9.	Incineration.
- 0 //	(Complete Question 9 if sewage sludge from your facility is fired in a sewage sludge incinerator.)  a. Total dry metric tons per 365-day period of sewage sludge from your facility fired in a sewage sludge incinerator: dry metric tons
	b. Do you own or operate all sewage sludge incinerators in which sewage sludge from your facility is fired?  YesNo  If no, answer questions c - g for each sewage sludge incinerator that you do not own or operate. If you send sewage sludge to more than one sewage sludge incinerator, attach additional pages as necessary.
	c. Incinerator name or number: d. Contact person: Title: Phone: ( )
	Contact is:Incinerator OwnerIncinerator Operator e. Mailing address. Street or P.O. Box:



### SUSSEX SCHOOL COMPLEX SEWAGE TREATMENT PLANT

Process Schematic/ Treatment Flow Diagram



EACI	N SPRING / BLT A	ME: SUSSEX Schools Complex 5TA VPDES PERMIT NUMBER: 1/4009078
FACI	LITY NA	ME: JUSSEK Schools Complex 3/1 VPDES PERMIT NUMBER: 1/4009078
	f.	City or Town: State: Zip: Total dry metric tons per 365-day period of sewage sludge from your facility fired in this sewage sludge
	T.	incinerator: dry metric tons per 365-day period of sewage sludge from your facility fired in this sewage sludge
ß	g.	List on this form or an attachment the numbers of all other federal, state or local permits that regulate the firing
1/1		of sewage sludge at this incinerator:
/1		Permit Number: Type of Permit:
10.	Disno	osal in a Municipal Solid Waste Landfill.
10,		plete Question 10 if sewage sludge from your facility is placed on a municipal solid waste landfill. Provide the
	follov	ing information for each municipal solid waste landfill on which sewage sludge from your facility is placed. If
	sewag	e sludge is placed on more than one municipal solid waste landfill, attach additional pages as necessary.)
	a.	Landfill name:
	b.	Contact person:
		Title:
		Phone: ( )
		Contact is:Landfill OwnerLandfill Operator
	c.	Mailing address.
		Street or P.O. Box:
		City or Town:State:Zip:
	d.	Landfill location.
		Street or Route #:
		County:
		City or Town: State: Zip:
	e.	Total dry metric tons per 365-day period of sewage sludge placed in this municipal solid waste landfill:
		dry metric tons
	f.	List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the operation
		of this municipal solid waste landfill:
		Permit Number: Type of Permit:
	g.	Does sewage sludge meet applicable requirements in the Virginia Solid Waste Management Regulation, 9
		VAC 20-80-10 et seq., concerning the quality of materials disposed in a municipal solid waste landfill?
		YesNo
	h.	Does the municipal solid waste landfill comply with all applicable criteria set forth in the Virginia Solid Waste
		Management Regulation, 9 VAC 20-80-10 et seq.?YesNo
	i.	Will the vehicle bed or other container used to transport sewage sludge to the municipal solid waste landfill
		be watertight and covered? Yes No
		Show the haul route(s) on a location map or briefly describe the route below and indicate the days of the week
		and time of the day sewage sludge will be transported.

SECTION C. LAND APPLICATION OF BULK SEWAGE SLUDGE Complete this section for sewage sludge that is land applied unless any of the following conditions apply: The sewage sludge meets the Table 1 ceiling concentrations, the Table 3 pollutant concentrations, Class A pathogen requirements and one of the vector attraction reduction options 1-8 (fill out B.4 instead) (EQ Sludge); or The sewage sludge is sold or given away in a bag or other container for application to the land (fill out B.5 instead); or You provide the sewage sludge to another facility for treatment or blending (fill out B.6 instead). Complete Section C for every site on which the sewage sludge that you reported in B.7 is land applied. 1. Identification of Land Application Site. Site name or number: Site location (Complete i and ii) b. Street or Route#: County: \_\_\_\_\_State: \_\_\_\_Zip: \_\_\_\_Longitude: City or Town: \_\_\_ ii. Latitude:\_\_\_\_\_ Method of latitude/longitude determination \_\_\_\_\_ USGS map \_\_\_\_\_ Filed survey Topographic map. Provide a topographic map (or other appropriate map if a topographic map is unavailable) c. that shows the site location. 2. Owner Information. Are you the owner of this land application site? \_\_Yes \_\_No a. If no, provide the following information about the owner: b. Name: Street or P.O. Box: City or Town: \_\_\_\_\_ State: \_\_\_ Zip: Phone: ( ) 3. Applier Information: Are you the person who applies, or who is responsible for application of, sewage sludge to this land application site? \_\_Yes \_\_No If no, provide the following information for the person who applies the sewage sludge: b. Name: Street or P.O. Box: \_\_\_\_\_ State:\_\_\_\_ Zip: City or Town:\_\_ Phone: ( List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the person ¢.

Site Type. Identify the type of land application site from among the following: 4. \_\_Reclamation site \_\_Agricultural land

who applies sewage sludge to this land application site:

\_\_Public contact site \_\_Other. Describe

5. Vector Attraction Reduction.

Permit Number:

Are any vector attraction reduction requirements met when sewage sludge is applied to the land application site? Yes \_\_\_No If yes, answer a and b.

Type of Permit:

Indicate which vector attraction reduction option is met:

\_\_Option 9 (Injection below land surface)

Option 10 (Incorporation into soil within 6 hours)

Describe, on this form or on another sheet of paper, any treatment processes used at the land application site b. to reduce the vector attraction properties of sewage sludge:

6. Cumulative Loadings and Remaining Allotments.

> (Complete Question 6 only if the sewage sludge applied to this site since July 20, 1993 is subject to the cumulative pollutant loading rates (CPLRs) - see instructions.)

> Have you contacted DEQ or the permitting authority in the state where the sewage sludge subject to the

FACILITY NAM	
	CPLRs will be applied to ascertain whether bulk sewage sludge subject to the CPLRs has been applied to this
	site since July 20, 1993?YesNo
	If no, sewage sludge subject to the CPLRs may not be applied to this site.
	If yes, provide the following information:
11	Permitting authority:
'1 <i>11</i>	Contact person:
117	Phone:( )
b.	Based upon this inquiry, has bulk sewage sludge subject to the CPLRs been applied to this site since July 20,
	1993?YesNo If no, skip the rest of Question 6. If yes, answer questions c - e.
c.	Site size, in hectares: (one hectare = 2.471 acres)
d.	Provide the following information for every facility other than yours that is sending or has sent sewage sludge
	subject to the CPLRs to this site since July 20, 1993. If more than one such facility sends sewage sludge to
	this site, attach additional pages as necessary.
	Facility name:
	Facility contact:
	Title:
	Phone: ( )
	Mailing address.
	Street or P.O. Box:
	City or Town: State: Zip:
e.	Provide the total loading and allotment remaining, in kg/hectare, for each of the following pollutants:
	Cumulative loading Allotment remaining
	Arsenic
	Cadmium
	Copper
	Lead
	Mercury
	Nickel
	Selenium
	Zinc

Complete Questions 7-12 below only if you apply sewage sludge, or you are responsible for land application of sewage sludge. Information required by these questions may be prepared as attachments to this form. Skip the following questions if you contract land application to someone else (as indicated under Section A.7) who is responsible for the operation.

7. Sludge Characterization. Use the table below or a separate attachment, provide at least one analysis for each parameter.

PCBs (mg/kg) pH (S. U.) Percent Solids (%) Ammonium Nitrogen (mg/kg) Nitrate Nitrogen (mg/kg) Total Kjeldahl Nitrogen (mg/kg) Total Phosphorus (mg/kg) Total Potassium (mg/kg) Alkalinity as CaCO<sub>3</sub>\* (mg/kg)

\* Lime treated sludge (10% or more lime by dry weight) should be analyzed for percent CaCO<sub>3</sub>.

## FACILITY NAMES OF SEK SCHOOLS Complex 5TP VPDES PERMIT NUMBER: 0290 786

8. Storage Requirements.

Existing and proposed sludge storage facilities must provide an estimated annual sludge balance on a monthly basis incorporating such factors as storage capacity, sludge production and land application schedule. Include pertinent calculations justifying storage requirements.

Proposed sludge storage facilities must also provide the following information:

- a. A sludge storage site layout on a 7.5 minute topographic quadrangle or other appropriate scaled map to show the following topographic features of the surrounding landscape to a distance of 0.25 mile. Clearly mark the property line.
  - 1) Water wells, abandoned or operating
  - 2) Surface waters
  - 3) Springs
  - 4) Public water supply(s)
  - 5) Sinkholes
  - 6) Underground and/or surface mines
  - 7) Mine pool (or other) surface water discharge points
  - 8) Mining spoil piles and mine dumps
  - 9) Quarry(s)
  - 10) Sand and gravel pits
  - 11) Gas and oil wells
  - 12) Diversion ditch(s)
  - 13) Agricultural drainage ditch(s)
  - 14) Occupied dwellings, including industrial and commercial establishments
  - 15) Landfills or dumps
  - 16) Other unlined impoundments
  - 17) Septic tanks and drainfields
  - 18) Injection wells
  - 19) Rock outcrops
- b. A topographic map of sufficient detail to clearly show the following information:
  - 1) Maximum and minimum percent slopes
  - 2) Depressions on the site that may collect water
  - 3) Drainageways that may attribute to rainfall run-on to or runoff from this site
  - 4) Portions of the site (if any) which are located with the 100-year floodplain and how the storage facility will be protected from flooding
- c. Data and specifications for the storage facility lining material.
- d. Plan and cross-sectional views of the storage facility.
- e. Depth from the bottom of the storage facility to the seasonal high water table and separation distance to the permanent water table.
- 9. Land Area Requirements. Provide calculations justifying the land area requirements for land application of sewage sludge taking into consideration average soil productivity group, crop(s) to be grown and most limiting factor(s) of the sewage sludge, specifically Plant Available Nitrogen (PAN), Calcium Carbonate Equivalence (CCE), and metal loadings (CPLR sewage sludge only), where applicable. Relate PAN, CCE, and metal loadings to demonstrate the most limiting factor for land application.
- 10. Landowner Agreement Forms. Provide a properly completed Land Application Agreement Biosolids Form and necessary attachments (attached at end of VPDES Sewage Sludge Permit Application Form) for each landowner if sewage sludge is to be applied onto land not owned by the applicant.
- 11. Ground Water Monitoring.

Are any ground water monitoring data available for this land application site? \_\_Yes \_\_No If yes, submit the ground water monitoring data with this permit application. Also submit a written description of the well locations, approximate depth to ground water, and the ground water monitoring procedures used to obtain these data.

12. Land Application Site Information.

(Complete Items a-d for sites receiving infrequent application - land application of sewage sludge up to the agronomic rate at a frequency of once in a 3 year period; complete Items a-h for sites receiving frequent application - land application of sewage sludge in excess of 70% the agronomic rate at a frequency greater than once in a 3 year period)

a. Provide a general location map for each county which clearly indicates the location of all the land application sites.

## FACILITY NAME: SUSSEX Schools Complex 5TA VPDES PERMIT NUMBER: 0090786

- b. For each land application site provide a site plan of sufficient detail to clearly show the concerned landscape features and associated buffer zones (See instructions). Provide a legend for each landscape feature and the net acreage for each field taking into account the proposed buffer zones.
- c. In order to ensure that land application of bulk sewage sludge will not impact federally listed threatened or endangered species or federally designated critical habitat, the applicant must notify the field office of the U.
   S. Department of the Interior, Fish and Wildlife Service (FWS), by a letter, the proposed land application activities with the identification of the land application sites. The address and phone number of FWS are provided below.

U. S. Fish and Wildlife Service Virginia Field Office 6669 Short Lane Gloucester, VA 23061 TEL: (804)693-6694

Provide a copy of the notification letter with this application form.

d. Provide a soil survey map, preferably photographically based, with the field boundaries clearly marked. (A USDA-SCS soil survey map should be provided, if available.)
 Provide a detailed legend for each soil survey map which uses accepted USDA-SCS descriptions of the

typifying pedon for each soil series (soil type). Complex associations may be described as a range of characteristics. Soil descriptions shall include as a minimum the following information.

- Soil symbol
- 2) Soil series, textural phase and slope range
- 3) Depth to seasonal high water table
- 4) Depth to bedrock
- 5) Estimated soil productivity group (for the proposed crop rotation)

#### Item e - h are required for sites receiving frequent application of sewage sludge

- e. In order to verify the information provided in item d, characterize the soil at each land application site.

  Representative soil borings or test pits to a depth of five feet or to bedrock if shallower, are to be coordinated for the typifying pedon of each soil series (soil type). Soil descriptions shall include as a minimum the following information:
  - 1). Soil symbol
  - 2). Soil series, textural phase and slope range
  - 3). Depth to seasonal high water table
  - 4). Depth to bedrock
  - 5). Estimated soil productivity group (for the proposed crop rotation)

FACILITY NAME: SUSSEX SEACHS COMPLEX STA

VPDES PERMIT NUMBER 2090 7 76

Collect and analyze soil samples from each field, weighted to best represent each of the soil borings performed for Item e. Using the table below or a separate attachment, provide at least one analysis per sample for each of the following parameters.

Soil Organic Matter (%)

Soil pH (std. units)

Cation Exchange Capacity (meq/100g)

Total Nitrogen (ppm) Organic Nitrogen (ppm)

Ammonia Nitrogen (ppm)

Nitrate Nitrogen (ppm)

Available Phosphorus (ppm)

Exchangeable Potassium (mg/100g)

Exchangeable Sodium (mg/100g)

Exchangeable Calcium (mg/100g)

Exchangeable Magnesium (mg/100g)

Arsenic (ppm)

Cadmium (ppm)

Copper (ppm)

Copper (ppm

Lead (ppm)

Mercury (ppm)

Molybdenum (ppm)

Nickel (ppm)

Selenium (ppm)

Zinc (ppm)

Manganese (ppm)

Particle Size Analysis or

USDA Textural Estimate (%)

- g. Relate the crop nutrient needs to anticipated yields, soil productivity rating and the various fertilizer or nutrient sources from sludge and chemical fertilizers. Describe any specialized agronomic management practices which may be required as a result of high soil pH. If the sludge is expected to possess an unusually high CCE or other unusual properties, provide a description of any plant tissue testing, supplemental fertilization or intensive agronomic management practices which may be necessary.
- Using a narrative format and referencing any related charts, describe the proposed cropping system. Show
  how the crop rotation and management will be coordinated with the design of the land application system.
  Include any supplemental fertilization program, soil testing and the coordination of tillage practices, planting
  and harvesting schedules and timing of land application.

FACILITY NAMES (1555) SENON'S Complex 5TP

VPDES PERMIT NUMBER:
VA 0090786

### SECTION D. SURFACE DISPOSAL

Complete this section only if you own or operate a surface disposal site. Provide the information for each active sewage sludge unit.

1.	Inform	nation on Active Sewage Sludge Units.					
	a.	Unit name or number:					
	b.	Unit location					
		i. Street or Route#:					
		County:					
А		City or Town: State: Zip:					
///		ii. Latitude: Longitude:					
4		Method of latitude/longitude determination					
'		USGS map Filed survey Other					
	c.	Topographic map. Provide a topographic map (or other appropriate map if a topographic map is unavailable) that shows the site location.					
	d.	Total dry metric tons of sewage sludge placed on the active sewage sludge unit per 365-day period:					
	u.	dry metric tons.					
	e.	Total dry metric tons of sewage sludge placed on the active sewage sludge unit over the life of the unit:					
		dry metric tons.					
	f.	Does the active sewage sludge unit have a liner with a minimum hydraulic conductivity of					
		1 x 10 <sup>7</sup> cm/sec?YesNo If yes, describe the liner or attach a description.					
	g.	Does the active sewage sludge unit have a leachate collection system?YesNo					
		If yes, describe the leachate collection system or attach a description. Also, describe the method used for					
		leachate disposal and provide the numbers of any federal, state or local permits for leachate disposal:					
		•					
	h.	If you answered no to either f or g, answer the following:					
		Is the boundary of the active sewage sludge unit less than 150 meters from the property line of the surface					
		disposal site?YesNo If yes, provide the actual distance in meters:					
	i.	Remaining capacity of active sewage sludge unit, in dry metric tons: dry metric tons					
		Anticipated closure date for active sewage sludge unit, if known: (MM/DD/YYYY)					
		Provide with this application a copy of any closure plan developed for this active sewage sludge unit.					
2.		ge Sludge from Other Facilities.					
		yage sludge sent to this active sewage sludge unit from any facilities other than yours?YesNo					
	If yes,	provide the following information for each such facility, attach additional sheets as necessary.					
	a.	Facility name:					
	b.	Facility contact:					
		Title:					
		Phone: ( )					
	c.	Mailing address.					
		Street or P.O. Box:					
		City or Town: State: Zip:					
	d.	List, on this form or an attachment, the facility's VPDES permit number as well as the numbers of all other					
		federal, state or local permits that regulate the facility's sewage sludge management practices:					
		Permit Number: Type of Permit:					
	e.	Which class of pathogen reduction is achieved before sewage sludge leaves the other facility?					
		Class AClass BNeither or unknown					
	f.	Describe, on this form or on another sheet of paper, any treatment processes used at the other facility to					
		reduce pathogens in sewage sludge:					
	g.	Which vector attraction reduction option is achieved before sewage sludge leaves the other facility?					
	Φ.	Option 1 (Minimum 38 percent reduction in volatile solids)					

FACIL	ITY NAM	Description 2 (Anaerobic process, with bench-scale demonstration)  Option 3 (Aerobic process, with bench-scale demonstration)  Option 4 (Specific oxygen uptake rate for aerobically digested sludge)  Option 5 (Aerobic processes plus raised temperature)  Option 6 (Raise pH to 12 and retain at 11.5)  Option 7 (75 percent solids with no unstabilized solids)  Option 8 (90 percent solids with unstabilized solids)  None or unknown	
	h.	Describe, on this form or another sheet of paper, any treatment processes used at the other facility to vector attraction properties of sewage sludge:	reduce
	i.	Describe, on this form or another sheet of paper, any other sewage sludge treatment activities perform the other facility that are not identified in e - h above:	ned by
3.	Vector a.	Attraction Reduction.  Which vector attraction reduction option, if any, is met when sewage sludge is placed on this active s sludge unit?  Option 9 (Injection below land surface)  Option 10 (Incorporation into soil within 6 hours)	ewage
	b.	Option 11 (Covering active sewage sludge unit daily)  Describe, on this form or another sheet of paper, any treatment processes used at the active sewage sunit to reduce vector attraction properties of sewage sludge:	ludge
4.	a. b.	d Water Monitoring.  Is ground water monitoring currently conducted at this active sewage sludge unit or are ground water monitoring data otherwise available for this active sewage sludge unit?YesNo If yes, provide a copy of available ground water monitoring data. Also provide a written description of well locations, the approximate depth to ground water, and the ground water monitoring procedures us obtain these data.  Has a ground water monitoring program been prepared for this active sewage sludge unit? YesNo If yes, submit a copy of the ground water monitoring program with this application.	of the used to
	c.	Have you obtained a certification from a qualified ground water scientist that the aquifer below the act sewage sludge unit has not been contaminated?YesNo If yes, submit a copy of the certification with this application.	tive
5.	Are yo	pecific Limits.  Some seeking site-specific pollutant limits for the sewage sludge placed on the active sewage sludge unit?  No If yes, submit information to support the request for site-specific pollutant limits with this application.	ation.

SUSSEX Schools Complex STA VA0090786

### VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM

### **LAND APPLICATION AGREEMENT - BIOSOLIDS**

here as "Landowner", and in effect until it is terminated Landowner in the event of a individual parcels identified i	in writing by either party or, value of one or more parcels, t	between between eferred to here as the "Permitt with respect to those parcels the until ownership of all parcels chose parcels for which ownership of this agreement.	ee". This agreement remains hat are retained by the hanges. If ownership of
Landowner: The Landowner is the owner agricultural, silvicultural or re Exhibit A.	of record of the real property eclamation sites identified belo	located in ow in Table 1 and identified on	, Virginia, which includes the tax map(s) attached as
	Table 1.: Parcels autho	rized to receive biosolids	
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
☐ Additional parcels containing Lar	<u>l</u> nd Application Sites are identified or	<u> </u>	
		r of the properties identified he e owners of the properties iden	
38 months of the latest date 1. Notify the purchase than the date of the 2. Notify the Permittee The Landowner has no othe	e of biosolids application, the lar or transferee of the applicable property transfer; and e of the sale within two weeks ar agreements for land applicate	Landowner shall: le public access and crop mar following property transfer. tion on the fields identified here	ein. The Landowner will notify
		the fields are no longer availat or the information herein cont	
above and in Exhibit A. The	e Landowner also grants perm ring or after land application of	e to land apply biosolids on the ission for DEQ staff to conduct biosolids for the purpose of de	t inspections on the land
Landowner – Printed Name, Title	e Signature	Maili	ng Address
the VPDES Permit Regulation each land application field by	n and in amounts not to exceed a person certified in accordance	e with §10.1-104.2 of the Code of	it management plan prepared fo of Virginia.
		rner's designee of the proposed lowner's land. Notice shall inclu	schedule for land application de the source of residuals to be
		the person signing for landowner not check this box if the landowner	
Permittee – Authorized Repres		Maili	ng Address

SUSSEX Schools Complex STA VA0090986

### VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM

m NA
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### **LAND APPLICATION AGREEMENT - BIOSOLIDS**

Permittee:	County or City:
andowner:	

### Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

#### 2. Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

### 3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

#### 4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature	Date

SUSSEX Schools Complex STP VA 0050786

### VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM

### **LAND APPLICATION AGREEMENT - BIOSOLIDS**

### **Landowner Coordination Form**

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and each of the legal landowners of those tax parcels. A *Land Application Agreement – Biosolids* form, pages 1 and 2 with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee:	
County or City:	
Please Print	(Signatures not required on this page)
Tax Parcel ID(s)	Landowner(s)

JUSSEX Schools Complex 5TA VACO90786

## VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM NA

### LAND APPLICATION AGREEMENT - BIOSOLIDS

Permittee:		City/County:				
Landowner:						
Supplement A: Additional Land Application Sites						
Table 1 continued: Parcels authorized to receive biosolids.						
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID			
		The second secon				
	THE POST OF THE PO					
			<del></del>			
	The first was a constructive or constructive and a second a second and					
	4					

Landowner – Printed Name Signature Mailing Address

Rev 9/14/2012

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